SLATE™ ALPR CAMERA

The Federal Signal ALPR Slate camera.

The Federal Signal automated license plate recognition (ALPR) Slate™ camera delivers high performance in a compact, low-profile design that does not hinder lightbar visibility.

The Slate camera incorporates patented infrared illumination in an infrared camera for effective license plate imaging and a color camera for a vehicle overview image. Patented filter and flash techniques provide excellent suppression of headlights and bright sunlight, while field-by-field control of camera parameters enables the use of patented TripleFlash™ technology to reduce plate-to-plate variation issues. The Slate camera reduces the ALPR processor burden by pushing analytics to the network edge.

Federal Signal Slate cameras can achieve the highest performance plate capture and plate read rates available in the industry.

Features

- Dual-lens camera for infrared license plate image and color vehicle overview
- Patented Platefinder® and TripleFlash® technologies
- Small, compact, low-profile, weatherproof design with no moving components
- Robust optical character recognition (OCR) engine

Benefits

- Compensates for headlights, sun glare, variances in ambient light and license plate conditions for superior image quality and more accurate performance
- Provides durability and longevity in extreme operating environments
- Maintain lightbar visibility
- Relatively covert

Specifications

Specifications-Slate	
Model	Slate™
Dimensions	182mm (7.16 inches) width, 90mm (3.54 inches) depth and 42mm (1.65 inches) height
Weight	<1.5 kg (3.31 pounds) with the Zero-Clearance Bracket attached: the Slate Camera, alone, weighs 2.1 lbs.
Mechanics	Extruded metal casting with piston sealed lens
Illumination	High-power IR pulsed illuminator. TripleFlash illumination (patented) The illuminator flash table runs locally and autonomously on power-up and can be set via the interactive PIPS P6 Utility interactive PC graphical utility or via a simple command-line text interface
Monochrome	IR Camera, High Sensitivity, 752 x 480 pixels with 1/3" format
Color Camera	752 x 480 pixels, 60 Frames per Second with 1/3" format
Video Output	Video signal is dual serialized LVDS digital video for both the Infrared (IR) and Color Video
Communications	RS-232 levels upon proprietary commands
Cable	Shielded CAT6 with a standard length of 15-ft
Connectors	Metal IP67-sealed connectors
Mounting	Three-axis finger mounting bracket designed to attached to the emergency lightbar's mounting plate

The Federal Signal ALPR Slate camera delivers high performance.

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